

KENTUCKY DEPARTMENT OF EDUCATION



ADVISORY GROUP MEETING SUMMARY

ADVISORY GROUP:

Committee for Mathematics Achievement (CMA)

LIAISON:

Pamela Pickens

MEETING DATE:

March 17, 2017 (9 am ET)

NOTE-TAKER/CONTACT:

Pamela Pickens

ADVISORY GROUP MEMBERS/GUESTS PRESENT:

- ☒ Commissioner of Education – Dr. Stephen Pruitt (Krista Hall)
 - ☐ President of the Council on Postsecondary Education – Dr. Robert King (April Wood)
 - ☒ President of the Association of Independent Kentucky College and Universities – Dr. Gary Cox (Sarah Murray)
 - ☐ Executive Director of the Education Professional Standards Board – Jimmy Adams
 - ☐ Secretary of the Education and Workforce Development Cabinet – Hal Heiner (Kate Akers)
 - Representative from each of the 9 public postsecondary education institutions defined by KRS 164.001
 - ☒ University of Kentucky – Dr. David Royster
 - ☒ University of Louisville – Dr. Jenny Bay-Williams
 - ☒ Eastern Kentucky University – Dr. Margaret Yoder
 - ☐ Kentucky State University – Dr. Karen Heavin
 - ☒ Morehead State University – Dr. Edna O. Schack
 - ☒ Murray State University – Dr. Ed Thome
 - ☒ Northern Kentucky University – Dr. Theodore Hodgson
 - ☒ Western Kentucky University – Dr. Janet Tassell
 - ☐ Kentucky Community and Technical College System – Linda Howard
 - ☐ Kentucky Adult Education – Gayle Box
 - ☒ Kentucky Adult Education – June Vander Molen
 - ☒ Elementary Teacher appointed by the Kentucky Education Association – Bonnie Humphries
 - ☒ Elementary Teacher appointed by the Kentucky Education Association – Scotty Bratcher
 - ☐ Middle School Teacher appointed by the Kentucky Education Association – Kirby Harshbarger
 - ☐ Middle School Teacher appointed by the Kentucky Education Association – Suzanne Gibbs
 - ☒ High School Teacher appointed by the Kentucky Education Association – Beth Roberts
 - ☒ High School Teacher appointed by the Kentucky Education Association – Ryan Davis
 - ☐ Elementary School Administrator appointed by the Kentucky Association of School Administrators – April Mounce
 - ☐ Middle School Administrator appointed by the Kentucky Association of School Administrators – Tim Parson
 - ☐ High School Administrator appointed by the Kentucky Association of School Administrators – Vacant
 - ☒ Executive Director of the Kentucky Center for Mathematics – Dr. Dan McGee (Jill Parker)
 - ☒ Kentucky Department of Education Liaison – Pamela Pickens
- Guests Present: Meredith Brewer, Erin Chavez, Robin Hill

Agenda Item: Call to Order and Introduction of Members and Guests

Discussion/Action: Chair Ryan Davis called the meeting to order at 9:07 a.m. Present members briefly introduced themselves and identified their representation on the committee.

<p>Agenda Item: Review and vote on November 2016 meeting minutes</p> <p>Discussion/Action: The members reviewed the November meeting minutes. Kate Akers made a motion to approve the minutes as presented. Bonnie Humphries seconded the motion. The committee voted and the minutes were approved.</p>
<p>Agenda Item: Process Reflection Activity</p> <p>Discussion/Action: Ryan shared a strategy for the group to use during open discussions to ensure that every member has an opportunity to speak and ask questions.</p>
<p>Agenda Item: Kentucky Center for Mathematics Annual Report</p> <p>Discussion/Action: Dr. Dan McGee, Executive Director of the Kentucky Center for Mathematics, provided a brief background of the KCM and the current work aligned to the work of the CMA. Director Meredith Brewer shared where the KCM Annual Report can be found online and a KCM promotional commercial running on PBS networks in Kentucky. She provided the committee with a brief summary of the current programs and professional learning opportunities available from KCM. Meredith highlighted the work in Early Childhood Education and Elementary. Jill Parker shared current programs and professional learning opportunities around middle school. Dan and Ted Hodgson provided some insight on the FLIP initiative. Jill provided some detail on MaTCH. Dan also shared the work currently with Adult Education and Pre-Service Teachers. The KCM has been in discussions with EPSB around the recruitment and retention of teachers in the area of mathematics. Dan provided the group with a summary of current research initiatives, highlighting some data around Novice Reduction for students and automaticity. He explained the difference between process-driven versus answer-driven automaticity. Jenny Bay-Williams asked about the final research reports around these topics. Dan will provide the reports.</p>
<p>Agenda Item: Pathways Work Group Update</p> <p>Discussion/Action: Dan provided a brief background and update around the discussions about various Career Pathways and the impact on mathematics courses for students. Jenny shared some insight from the discussions around the various options in pathways. April Wood provided additional background information, as well as some examples of students taking Algebra II in middle school but post-secondary institutes finding the students note prepared for college level mathematics courses or other possible pathways. Edna Schack asked for clarification on whether these discussions are around high school or post-secondary. The group reported the current discussions involve both high school and post-secondary connections and impact. Group discussion followed.</p>
<p>Agenda Item: Education and Workforce Supply Demand Tool</p> <p>Discussion/Action: Kate Akers, Executive Director of the Kentucky Center for Education and Workforce Statistics, shared a new tool being released to the public in the next week entitled Kentucky Future Skills Report. The report is an interactive report that assists policymakers, practitioners and the public when making education and workforce decisions. The tool utilizes three components of education and workforce development in Kentucky: Historic Workforce Supply, Current Employment Outcomes, and Future Workforce Demand.</p>
<p>Agenda Item: CMA Subcommittee Work Session</p> <p>Discussion/Action: Subcommittees met to work on tasks to push on the CMA's Strategic Plan.</p>

Lunch Break 11:15 – 12:30
<p>Agenda Item: Legislative Update</p> <p>Discussion/Action: Jennifer Fraker, Policy Advisor from the Office of Teaching and Learning, provided the group with a summary of the recent legislative session. She provided the group with a handout including current Senate bills and House bills that are related to education or might have an impact on the education field. She shared the web address for all updates related to the bills and the session. The session is schedule to reconvene February 7. She provided an update on ESSA, as well as the work around the new accountability system. Group discussion followed. The group asked about the best way to contact the legislators regarding the current session. Jennifer recommended contacting the sponsors of the bills or leadership of the committee.</p> <p>Key Questions/Concerns: n/a</p>
<p>Agenda Item: Legislative Work Session</p> <p>Discussion/Action: Following the presentation by Jennifer Fraker, the group discussed current bills that the CMA may want to contact others about before the next session. Ryan highlighted some issues in Senate Bill 1 around the current standards and posed the question about CMA’s next steps. Karen suggested face-to-face communication instead of written communication. Jenny suggested collecting and organizing current data around the standards, professional learning, etc. in regards to the standards. Ted asked if the group knew everything they need to know before weighing in on the legislation, including the financial implications of repealing the current standards. Edna shared that Dr. Terry Holiday had some date around this implication and recommended finding this as a source and beginning step. Erin suggested the group bring other groups together with CMA, like NCTM, KCTM, Core Advocate groups. Group discussion followed. Ryan proposed writing a draft statement regarding Senate Bill 1 from CMA to send out for revisions and review from other committee members. The statement would say CMA supports the current Kentucky Academic Standards, including a review process by educators. Meredith encouraged the group to take some time review the entire bill before drafting a specific statement. The group discussed the time constraints regarding the session. Wayne reminded the group that legislation can move quickly, but CMA should have lots of opportunities to contact the committees. The group decided to draft a statement after a group vote. (All but two voting members voted in favor of drafting a statement regarding Senate Bill 1.</p>
<p>Agenda Item: CMA Subcommittee Work Session</p> <p>Discussion/Action: Subcommittees met to work on tasks to push on the CMA’s Strategic Plan.</p>
<p>Agenda Item: Mathematics Achievement Fund Request for Application Update</p> <p>Discussion/Action: Pamela Pickens, a consultant with the Kentucky Department of Education, provided the committee with an update and summary of the Mathematics Achievement Fund grant. She reminded the committee of the timeline, approved program list, and overall grant requirements. She reported that 265 grant applications were submitted. The grant review/scoring was held October 25-27, which included 72 scorers from across the state with varied backgrounds. Each grant application was read and scored three times. She provided the committee with a summary of core curriculums from the applications, as well as a breakdown of the approved intervention programs. The grant awards were announced Monday, November 28, 2016.</p> <p>Key Questions/Concerns: n/a</p>

Agenda Item: Election of 2017 Committee for Mathematics Achievement Chair and Assistant Chair

Discussion/Action: Nominations were opened for Assistant Chair. Ryan Davis nominated Edna Schack for Assistant Chair. Edna accepted. No other nominations were made. Bonnie Humphries motioned to elect Edna Schack as Assistant Chair and Margaret Yoder seconded the motion. The full committee voted in favor of Edna Schack as Assistant Chair. Nominations were opened for Chair. Edna Schack nominated Ryan Davis as Chair. No other nominations were made. June Vander Molen motioned to elect Ryan Davis as Chair and Ted seconded the motion. The full committee voted in favor of Ryan Davis as Chair.

Other Items (can include items not on formal agenda, action to be taken, next steps, food for thought):

The committee adjourned at 3:16 p.m. The next in-person meeting is scheduled for September 22, 2017.